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Fold bending process of the hard foam sheet as packing material, involves preparing hard foam sheet containing outer skin layers on surfaces, cutting outer skin layer and bending with cut portion formed as mountain side
Patent Assignee: FURUKAWA ELECTRIC CO LTD

Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 2003071914	A	20030312	JP 2001262138	A	20010830	200365	B

Priority Applications (Number Kind Date): JP 2001262138 A (20010830)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 2003071914	A		5	B29C-053/06	

Abstract:

JP 2003071914 A

NOVELTY A hard foam sheet containing outer skin layers (2a,2b) formed on both surfaces of hard foam sheet main portion (1), is prepared, for fold bending the sheet. An outer skin layer of at least one side is cut. The cut portion (4) is made into a mountain side and bent.

USE For fold bending hard foam sheet for optical reflecting plate, as packing material, partition plate and corrosion plate for protection, and for manufacture and box production of stationery file.

ADVANTAGE The hard foam sheet is easily bent and is processed without the need of fixing. The shape of the sheet is maintained even while heating, during the use of the sheet.

DESCRIPTION OF DRAWING(S) The figure shows the sectional drawing showing the fold bending process of the hard foam sheet.

hard foam sheet main portion (1)

outer skin layers (2a,2b)

cut portion (4)

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Technology Focus:

TECHNOLOGY FOCUS - POLYMERS - Preferred Material: The hard foam sheet main portion is chosen from a high density polyethylene resin, polypropylene resin, polystyrene resin, polyester resin, acrylic resin, polycarbonate resin, hard polyvinyl chloride, polylactic resin and engineering plastics. The outer skin layer is a plastic film and the foaming ratio of the hard foam sheet main portion is 20 times or less.

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<http://toolkit.dialog.com/intranet/cgi/present>

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Zinc selenide ultrafine particle, useful as raw material for sheet-like light emitting component, comprises phosphine oxide as ligand and has preset half value width in emission band
Patent Assignee: MITSUBISHI CHEM CORP

Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
JP 2001262138	A	20010926	JP 20013155	A	20010111	200232	B

Priority Applications (Number Kind Date): JP 20004324 A (20000113)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
JP 2001262138	A		8	C09K-011/06	

Abstract:

JP 2001262138 A

NOVELTY The zinc selenide ultrafine particle comprises phosphine oxide as ligand and has half value width of 70 nm or less in emission band.

DETAILED DESCRIPTION INDEPENDENT CLAIMS are also included for the following:

- (a) zinc selenide ultrafine particle manufacture; and
- (b) thin film like compact.

USE Useful as raw material sheet-like light emitting component used for display and luminaire.

ADVANTAGE The zinc selenide ultrafine particle has stable and high light emission ability. The ultrafine particle has excellent chemical stability and solvent solubility due to the presence of phosphine oxide ligand.

DESCRIPTION OF DRAWING(S) The figure shows emission spectrum of zinc selenide ultrafine particle in toluene solution. (Drawing includes non-English language text).

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